

Lepidoptera of Aberdeenshire and Kincardineshire

By R. M. PALMER

(Continued from Vol. 86, page 284)

Scoliopteryx libatrix L.

Not rare (Trail, 1878).

A. Scarce. Rubislaw; Murtle Den; Cluny; Monymusk (Cowie, 1902). Cults, larvae abundant on willow, 1954 (E.P.).

Phytometra viridaria Clerck.

Not uncommon (Trail, 1878).

A. Occasional. Murcar links; Scotston moor; Blackburn (Cowie, 1902). Braemar, right up to mountain tops (James, 1912). Local, not uncommon at Kintore, Huntly, Dinnet (R.M.P.). Braemar (D.B.).

Hypena proboscidalis L.A. & K. Common. Larvae on *Urtica*.

PART 2

Alucitoidea, Pyraloidea, Pterophoroidea and Geometroidea

Introduction

Of the 224 species listed here, there are no recent records for 39 to add to those already published, and it seems probable that two of these, *Homoeosoma nimbella* Dup. and *Ectropis crepuscularia* D. & S. were recorded in error. The remaining 37 species fall into the following two categories: —

(i) Those probably formerly resident and which may still persist here. *Crambus pascuella* L., *C. ericella* Hübn., *Catoptria furcatellus* Zett., *Eudonia alpina* Curt., *E. lineola* Curt., *Paraponyx stagnata* Don., *Pyrausta cingulata* L., *Pyralis farinalis* L., *Aglossa caprealis* Hübn., *A. pinguinalis* Haw., *Amblyptilia punctidactyla* Haw., *Timandra griseata* Petersen, *Scopula floslactata* Haw., *Idaea dimidiata* Hufn., *Xanthorhoe ferrugata* Clerck, *Entephria flavicinctata* Hübn., *Hydriomena impluviata* D. & S., *H. ruberata* Freyer, *Perizoma affinitatum* Steph., *P. blandiata* D. & S., *Eupithecia plumbeolata* Haw., *E. abietaria* Goeze, *E. linariata* D. & S., *E. venosata* F., *E. tripunctaria* H.-S., *E. fraxinata* Crewe, *Chloroclystis debiliata* Hübn. and *Lomaspilis marginata* L.

(ii) Species of known migratory origin and others which are unlikely to be resident. *Udea prunalis* D. & S., *Margaritia sticticalis* L., *Nomophila noctuella* D. & S., *Myelois cribrella* Hübn., *Stenoptilia zophodactylus* Dup., *Cyclophora punctaria* L., *Orthonama obstipata* F., *Eupithecia expallidata* Dbl. and *Menophra abruptaria* Thunb.

Of the 185 species in the main list 30 are not recorded by previous authors referred to. Two were not previously recognised as distinct and several others which were absent from previous lists are now quite common here.

The first three superfamilies (Alucitoidea — Pterophoroidea) contain only 50 of the 185 species, but 16 of these are new county records. Moreover, 17 of the species not recorded recently are members of these families, thus indicating the

paucity of our knowledge of the species in this section of the list.

All observations and records in this list without date relate to field observations made during the period 1968-1973 inclusive, with the exception of the Rothamsted Trap at Banchory (referred to as Banchory R.T.) whence all data was gathered during 1973 unless otherwise stated. Finally, as in Part 1 all previously published records for each county are listed chronologically.

Acknowledgements: In addition to once again thanking those acknowledged in Part 1 of this list, I should like to thank Dr. M. R. Young for providing records and Mr. D. Sangster for allowing me to abstract data from his collection of lepidoptera.

References

I have had recourse to five references additional to those in Part 1 as hereunder.

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ALUCITOIDEA

Alucitidae

Alucita hexadactyla L.

Abundant among honeysuckle (Reid, 1893).

- A. Common in gardens, Aberdeen (G.M., A.D.); Dyce (R.M.P.). Ballater, one, 1971 (E.C.P.-C.).

PYRALOIDEA

Pyralidae

Chrysoteuchia culmella L.

Local and rare (Trail, 1878).

- A. Inverurie and Pitcaple (Reid, 1893). Pitcaple, 1968 (R.M.P.); Crathie, one, 1969 (E.C.P.-C.).

- K. Muchalls (Reid, 1893); Stonehaven (Dalglish, 1894). Muchalls (R.M.P.); Banchory R.T.

Crambus pratella L.

- A. Rare. Braemar (Trail, 1878); Aberdeen links (Reid, 1893); Braemar (E.C.P.-C., R.M.P.); Forvie N.N.R., one, 1957 (E.C.P.-C.).

- K. Common at Stonehaven (Dalglish, 1894); St. Cyrus N.N.R., 1961 (E.C.P.-C.).

C. nemorella Hübn.

- A. & K. Very common.

C. perlella Scop.

- A. Rattray Head, 1954 (E.C.P.-C.).

- K. St. Cyrus N.N.R., 1961 (E.C.P.-C.); 1974 (R.M.P., M.R.Y.).

Agriphila straminella D. & S.

- A. & K. Abundant.

A. tristella D. & S.

- A. & K. Abundant.

A. inquinatella D. & S.

K. St. Cyrus N.N.R., 1961 (E.C.P.-C.); Muchalls, one, 1974 (R.M.P.).

Catoptria permutatella H.-S.

Rare (Trail, 1878); scarce but widely distributed (Reid, 1893).

A. Dyce, Fintray, Newmachar, Oldmeldrum (Palmer, 1972); Benachie, 1973 (R.M.P.); Cambus o'May, 1973; Crathie (E.C.P.-C.).

K. Banchory R.T., one.

C. pinella L.

Scarce (Trail, 1878).

A. Bennachie (Reid, 1893); Aberdeen, one, 1968 (E.P.); Ordie, one, 1971; Cambus o'May, 1973 (E.C.P.-C.).

K. Banchory R.T., two.

C. margaritella D. & S.

Local but common (Trail, 1878).

A. Not uncommon, Inverurie and Bennachie (Reid, 1893); scarce, Braemar (Horne, 1896); Braemar 1952; Crathie 1953; Glen Derry (Cairngorm N.N.R.), one, 1971 (E.C.P.-C.).

K. Banchory R.T.

C. falsella D. & S.

A. Aberdeen (Leach, 1886).

K. St. Cyrus N.N.R., one, 1961 (E.C.P.-C.).

Scoparia cembrella L.

Rare among firs (Reid, 1893b).

A. Old Aberdeen, one (Trail, 1878); Forvie N.N.R., one, 1972 (E.P.).

K. Common at Stonehaven (Dalglish, 1894); St. Cyrus N.N.R., one, 1961 (E.C.P.-C.).

S. arundinata Thunb.

Abundant on coasts, scarcer inland (Reid, 1893).

A. Scarce, Inverurie (Trail, 1878).

K. Common, Muchalls (Trail, 1878); Stonehaven (Dalglish, 1894); St. Cyrus N.N.R., 1961 (E.C.P.-C.); Cove, 1970; Muchalls and Dunnotar Castle, common (R.M.P.).

S. ambigualis Treits.

A. & K. Common.

Eudonia crataegella Hübn.

A. Braemar and Inverurie (Trail, 1878); Forvie N.N.R., 1970; Turriff, one, 1974 (R.M.P.).

E. murana Curt.

Local but common (Trail, 1878); generally distributed (Reid, 1893).

A. Scarce, Aberdeen (Horne, 1896). Crathie; Braemar, one, 1970 (E.C.P.-C.); Dyce, Forvie N.N.R., Monymusk, Dinnet Muir (R.M.P.).

K. Common at Stonehaven (Dalglish, 1894). Muchalls

E. truncicolella Staint.

A. Dinnet Muir (R.M.P.); Ballater, one, Glentanar, one, Dinnet oak wood N.N.R. and Ordie, 1971; Cambus o'May, 1973 (E.C.P.-C.).

E. angustea Curt.

A. Two at Aberdeen (Reid, 1893). Forvie N.N.R., 1970 (R.M.P.).

K. Stonehaven, one (Dalglish, 1894).

E. mercurella L.

A. Dinnet oak wood N.N.R., one, 1971; Ballater (E.C.P.-C.).

Nymphula nymphaeata L.

Locally abundant (Reid, 1893).

A. Local, common on Scotston Moor (Trail, 1878). Dinnet, 1971 (R.M.P.).

K. Banchory R.T., one.

Evergestis forficalis L.

A. & K. Common, larvae on cabbage, cauliflower (R.M.P.).

Pyrausta purpuralis L.

Local but common (Trail, 1878).

A. Braemar (Reid, 1893). Morrone Hill N.N.R., one, 1960 (E.C.P.-C.).

K. Stonehaven, one (Dalglish, 1894).

P. ostrinalis Hübn.

A. Morrone Hill N.N.R., one, 1960 (E.C.P.-C.). (Some old records of *purpuralis* may refer to this species.)

P. cespitalis D. & S.

Local, not rare on the coast (Trail, 1878).

A. Braemar (Trail, 1878). Morrone Hill N.N.R., 1960 (E.C.P.-C.).

K. Stonehaven, one (Dalglish, 1894). St. Cyrus N.N.R., one, 1961 (E.C.P.-C.).

Opsibotys fuscalis D. & S.

Common (Trail, 1878).

A. Braemar (Cruttwell, 1912). Corby Loch, Perwinnes Moss, 1973 (R.M.P.).

K. Stonehaven (Dalglish, 1894). Banchory R.T.

Udea lutealis Hübn.

A. & K. Abundant. Larvae on *Centaurea nigra* (R.M.P.); on *Eupatorium*, *Senecio*, *Heracleum* and *Teucrium* (E.C.P.-C.).

U. olivalis D. & S.

A. Dyce, common, Corby Loch, Forvie N.N.R. (R.M.P.); Cults (A.D.); Braemar, 1970, Cambus o'May, 1973, Ballater (E.C.P.-C.).

U. uliginosalis Steph.

A. Common at Braemar (Trail, 1878). Morrone Hill N.N.R., Braemar (E.C.P.-C., R.M.P.); Glen Derry and Pools of Dee (Cairngorm N.N.R.), Beinn a Bhuid and Ballater, 1971 (E.C.P.-C.).

U. ferrugalis Hübn.

A. Scotston Moor, one (Trail, 1878); Pitcaple (Reid, 1893).

K. Muchalls, one, 1969 (R.M.P.).

Pleuroptya ruralis Scop.

Local, not uncommon (Reid, 1893).

A. Local, Shetstocksley (Trail, 1878).

K. Banchory R.T., one.

Galleria mellonella L.

K. One, in beehive, Netherley, 1942 (G.M.).

Achroia grisella Fab.

A. One, in beehive, Fintray, 1935 (G.M.).

K. Three reared from larvae in beehive, Netherley, 1942 (G.M.).

Aphomia sociella L.

Local but common (Trail, 1878).

A. Pitcaple (Reid, 1893). Ordie, one; Dinnet oak wood N.N.R., one, 1971 (E.C.P.-C.); Aberdeen 1973 (R.M.P., A.D.).

Anerastia lotella Hübn.

K. St. Cyrus N.N.R., 1961 (E.C.P.-C.).

Pyla fusca Haw.

Common on hills (Trail, 1878).

A. Common on moors between Dinnet and Braemar (E.C.P.-C., R.M.P.). Bennachie, one; Dyce, one, 1973 (R.M.P.).

Dioryctria abietella D. & S.

Rare (Trail, 1878); scarce but generally distributed (Reid, 1893).

A. Between Dinnet and Braemar, quite common in pine-woods (E.C.P.-C., R.M.P.). Dyce, two, 1972 (R.M.P.).

Hypochalcia ahenella D. & S.

K. St. Cyrus N.N.R., 1961 (E.C.P.-C.).

Pempelia dilutella Hübn.

K. St. Cyrus N.N.R., one, 1961 (E.C.P.-C.).

Ephestia kuehniella Zell.

A. Aberdeen, 1930 (G.M.); Dyce, one, 1969, one, 1972; abundant in a granary at Bucksburn since 1971, larvae on ground barley (R.M.P.).

Plodia interpunctella Hübn.

A. Aberdeen, 1934, larvae on raisins (G.M.).

Rotruda saxicola Vaughn

A. Dyce, one, 1973 (R.M.P.).

K. Banchory R.T., one.

[*Homoeosoma nimbella* Dup.

K. Muchalls (Reid, 1893); this record is probably due to a misidentification of *R. saxicola*].

PTEROPHOROIDEA

Pterophoridae

Oxyptilus parvidactylus Haw.

A. Cambus o'May, one, 1970 (E.C.P.-C.).

Amblyptilia acanthodactyla Hübn.

Common on heaths (Reid, 1893).

A. Crathie, 1970, one larva on *Erica tetralix* (E.C.P.-C.).

Platyptilia gonodactyla D. & S.

Scarce among *Tussilago farfara* (Reid, 1893).

A. Pitcaple, larvae on *T. farfara* (Reid, 1893b). Ballater, one, 1973 (E.C.P.-C.).

P. pallidactyla Haw.

A. & K. Common.

Stenoptilia bipunctidactyla Scop.Common among scabious (Reid, 1893); larvae on *Scabiosa succisa* (Reid, 1893).

A. Dyce, Fintray, common (R.M.P.); Ordie, one, 1970 (E.C.P.-C.).

K. Cove (R.M.P.).

S. pterodactyla L.Generally distributed (Reid, 1893); larvae on *Veronica chamaedrys* (Reid, 1893b).

A. Cambus o'May, 1970 (E.C.P.-C.); Dinnet, 1971 (R.M.P.).

K. St. Cyrus N.N.R., 1961 (E.C.P.-C.).

Pterophorus tridactyla L.A. Glen Sluggan (Reid, 1893); larvae on *Thymus* (Reid, 1893b). Glen Sluggan, one, 1968, Dinnet, 1971 (R.M.P.); Morrone Hill N.N.R., one, 1973, Crathie (E.C.P.-C.).

K. St. Cyrus N.N.R., 1961 (E.C.P.-C.); 1974 (R.M.P.).

Adaina microdactyla Hübn.

K. St. Cyrus N.N.R., one, 1961 (E.C.P.-C.); one, 1974 (R.M.P.).

GEOMETROIDEA

Drepanidae

Falcaria lacertinaria L.

Local, rather rare (Trail, 1878).

A. Fairly common, Monymusk, Cluny (Cowie, 1902); Braemar (Cruttwell, 1907); Dinnet, Logie Coldstone Palmer, 1972). Morrone Hill N.N.R., one, 1959 (E.C.P.-C.); Fintray, 1972 (R.M.P.); larvae on birch (R.M.P.).

K. Durris Forest (E.P.); Banchory R.T.

Drepana falcataria L.

Local, rather rare (Trail, 1878).

A. Occasional, Countesswells, Murtle Den, Cluny (Cowie, 1902). Dinnet (R.M.P., E.P.); larvae on birch (R.M.P.).

K. Durris Forest (E.P.), Banchory R.T., one.

Thyatiridae

Thyatira batis L.

Local, but rare (Trail, 1878).

A. Common, Denmore, Hazelhead, Cults (Cowie, 1902). Fintray, 1970 (R.M.P.); Park, common, 1970 (E.P.); Dinnet oak wood N.N.R., one, 1970; Dinnet, one larva, 1970 (E.C.P.-C.); Colpy, one larva, 1973 (D.B.); larvae on *Rubus fruticosus*.

K. Common (Horne, 1904). Durris Forest, one, 1969 (E.P.); Banchory R.T., one.

Tethea or D. & S.

Rare (Trail, 1878).

- A. Rare, Braemar, Pitcaple, Inverurie, Fyvie (Reid, 1893). Dinnet oak wood N.N.R., 1971, one larva; Glentanar, 1971, larvae; Crathie, larvae on aspen (E.C.P.-C.); Braemar, 1973 (N.G.).

Ochropacha duplaris L.

- A. & K. Widespread, not uncommon.

Achlya flavicornis L.

- Not rare (Reid, 1893).

- A. Scarce, Hazelhead, Cluny, Monymusk (Cowie, 1902). Drumoak, 1968 (E.P., R.M.P.); Dinnet, larvae on birch, 1969 (R.M.P.).

- K. Scarce, Banchory (Cowie, 1902). Banchory R.T., common, 1974.

Geometridae

Archiearias parthenias L.

- A. Rare and local, Hazelhead and Braemar (Trail, 1878). Dinnet Muir, common (R.M.P.); Kintore (E.P.).

- K. Banchory (Cowie, 1902).

Alsophila aescularia D. & S.

- A. Kemnay, Monymusk (Palmer, 1972). Kintore, Dinnet R.M.P.).

- K. Banchory R.T., 1974.

Geometra papilionaria L.

- Common but local (Esson, 1890).

- A. & K. Widespread and not uncommon on moors.

Cyclophora albipunctata Hufn.

- Not uncommon, very local (Trail, 1878).

- A. Fairly common, Monymusk, Cluny (Cowie, 1902). Dinnet Muir, common, larvae on *Betula*; Kemnay, one, 1973 (R.M.P.); Fintray, one, 1974 (R.M.P.); Drum woods, 1974 (M.R.Y.).

- K. Fairly common, Banchory (Cowie, 1902). Banchory R.T., one.

Scopula ternata Schrank.

- A. Abundant at Braemar (Trail, 1878). Common, Braemar area, also on Dinnet Muir, Ordie (E.C.P.-C., R.M.P.); Kemnay, one, 1974 (R.M.P.).

Idaea biselata Hufn.

- A. Peterhead (Trail, 1878). Bucksburn, Tyrebagger Hill (R.M.P.).

- K. Banchory, scarce (Cowie, 1902). Banchory R.T., common.

I. seriata Schrank.

- A. Old Aberdeen, 1971 (D.B.); Bucksburn, one, 1972, Tyrebagger Hill, one, 1973, Dyce, one, 1973 (R.M.P.); Aberdeen, two, 1973 (E.P.); Ballater, one, 1973 (E.C.P.-C.).

- K. Near Stonehaven (Trail, 1878); Muchalls (Cowie, 1902). Banchory R.T., three.

I. aversata L.

- A. & K. Common.

I. straminata Borkh.

A. Very local, Burnharvie (Reid, 1893). Common on Dinnet Muir, Dinnet oak wood N.N.R., Ordie, Cambus o'May, Glentanar (R.M.P., E.C.P.-C.); Ballater; Crathie, one, 1970 (E.C.P.-C.).

K. Banchory R.T.

Orthonama vittata Borkh.

A. Rare, Aberdeen links (Trail, 1878); Inverurie and Fyvie (Reid, 1893). Aberdeen, one, 1970 (A.D.); Ordie, one, 1973 (E.C.P.-C.).

Xanthorhoe designata Hufn.

Generally distributed but scarce (Reid, 1893).

A. Scarce, Old Aberdeen (Trail, 1878); Murtle Den (Cowie, 1902). Glentanar, one, 1968; Kintore, one, Monymusk, one, 1970; Dyce and Newmachar (R.M.P.); Braemar, one, 1955, one, 1970; Ordie, one, 1973 (E.C.P.-C.).

K. Banchory, 1968 (E.P.); Banchory R.T., one.

X. munitata Hübn.

A. & K. Quite common.

X. spadicearia D. & S.

A. & K. Common inland, scarcer near coasts.

X. montanata D. & S.

A. & K. Abundant.

X. fluctuata L.

A. & K. Very common.

Scotopteryx chenopodiata L.

A. & K. Common.

S. mucronata scotica Cockayne.

A. Common on moors inland, particularly Dinnet Muir and Braemar area (E.C.P.-C., R.M.P., N.B.).

K. Muchalls, one, 1970 (R.M.P.); Banchory R.T., one.

S. luridata plumbaria Fab.

A. & K. Common, more generally distributed than *S. mucronata*.

Epirrhoe tristata L.

A. Local, Braemar (Trail, 1878). Common in Braemar area, viz. Glen Slugain (R.M.P.); Dinnet Muir (E.C.P.-C.).

E. alternata Mull.

A. & K. Abundant.

E. galiata D. & S.

A. Braemar, 1973 (N.G.).

K. Not uncommon at Muchalls (Reid, 1893); Portlethen (Cowie, 1902); St. Cyrus N.N.R. 1961 (E.C.P.-C.).

Camptogramma bilineata L.

A. & K. Common, abundant on coasts.

Entephria caesiata D. & S.

A. & K. Abundant on moors (R.M.P.). Larvae on *Vaccinium myrtillus* (E.C.P.-C.).

Anticlea badiata D. & S.

A. Rare, Inverurie (Trail, 1878); Pitcaple (Reid, 1893); Occasional, Nigg, Murtle Den (Cowie, 1902). Not uncommon, Dyce, Newmachar (R.M.P.); Aberdeen (E.P.).

K. Occasional, Portlethen (Cowie, 1902). Banchory R.T.

A. derivata D. & S.

A. Inverurie, rare; Fyvie, one (Trail, 1878); not scarce, Pitcaple (Reid, 1893); not uncommon, Cluny, Manno-field (Cowie, 1902). Scarce, Dyce (R.M.P.); Aberdeen (E.P.); Cults, one, 1971 (A.D.); Dinnet, one larva on rose, 1970 (E.C.P.-C.).

K. Banchory R.T.

Lampropteryx suffumata D. & S.

Local, usually rather scarce (Trail, 1878).

A. & K. Locally abundant.

Cosmorhoe ocellata L.

A. & K. Common.

Coenotephria salicata latentaria Curt.

Rather scarce (Reid, 1893).

A. Braemar (Trail, 1878); not uncommon Cluny, Monymusk (Cowie, 1902). Common, Bucksburn and Fintray, bivoltine, imagines in May and August (R.M.P.); Crathie, one, 1973, Braemar, univoltine, imagines June-July (E.C.P.-C.).

K. Banchory R.T., bivoltine.

Eulithis prunata L.

Common in gardens (Trail, 1878).

A. Aberdeen, common (Cowie, 1902). Brimmond Hill, one, 1971; Dyce, one, 1972, one, 1973 (R.M.P.); Aberdeen, one, 1971 (E.P.); Dinnet oak wood N.N.R., one, Ballater, one, 1971 (E.C.P.-C.).

K. Banchory R.T., one.

E. testata L.

A. & K. Common.

E. populata L.

A. & K. Common. Larvae on *Vaccinium myrtillus* (E.C.P.-C., R.M.P.) and *Calluna* (E.C.P.-C.).

E. mellinata Fab.

A. Newmachar, one (Palmer, 1972).

K. Cove, one (Palmer, 1972).

E. pyraliata D. & S.

A. & K. Common.

Ecliptopera silaceata D. & S.

A. & K. Widespread but not common.

Chloroclysta siterata Hufn.

Local, usually scarce (Trail, 1878).

A. Not scarce, Hazelhead, Countesswells, Murtle Den (Cowie, 1902). Kintore (R.M.P.); Turriff (D.G.).

K. Banchory R.T.

C. miata L.

A. & K. Common.

C. citrata L.

A. & K. Very common, Larvae on *Vaccinium myrtillus* (R.M.P.).

(to be continued)